

EG&G ROCKY FLATS

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91-RF-8093

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COST CHANGES TO OU 3 REMEDIAL INVESTIGATION RESULTING FROM EPA AND CDH REVIEW
OF DRAFT WORK PLAN - JEE-0431-91

The Environmental Protection Agency (EPA) and Colorado Department of Health (CDH) review of the Operable Unit No. 3 (OU 3) Remedial Investigation/RCRA Facilities Investigation (RI/RFI) Work Plan was completed on October 7, 1991. Meetings were held with these agencies which resulted in changes to the Final Work Plan based on the comments received. The changes proposed in the Final Work Plan will reduce the cost of field work by approximately \$225,000. Proposed changes to the OU 3 field sampling program and resulting costs are outlined below:

Soil sampling

- Approximately 18 surface soil sampling locations have been added to the grid sampling plan. These sampling locations were anticipated in the current work cost estimate, thus no additional cost will be incurred.
- Uranium was added to the list of analyzed contaminants for the vertical soil sampling program. This addition of uranium was anticipated in the current work cost estimate, thus no additional cost will be incurred.
- The number of distant samples was not defined in the draft document. Ten distant soil sampling locations are proposed in the final document. Thirty samples were originally estimated for the work, thus saving the cost of analyzing 20 samples, or \$36,000.

Sediment sampling

- Volatile organic compounds (VOCs) were removed from the list of contaminants of concern, providing a cost savings of \$130,000.
- The number of near-shore reservoir samples was undefined in the draft document. Thirty samples are proposed in the Final Work Plan. A total of 45 samples were originally estimated, thus saving the cost of analyzing 15 samples, or \$36,000.

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- Uranium was added to the analyzed list of contaminants. This addition of uranium was anticipated in the current work cost estimate, thus no additional cost will be incurred.


Surface water sampling

- The number of water samples from the reservoirs has been reduced from 60 to 30, saving \$40,000.
- VOCs will be removed from the water sampling program for a savings of \$30,000.
- Surface water sample locations in waterways and ditches will be reduced from 22 to 5 for a cost saving of \$25,000.

These field work cost savings total approximately \$300,000. This reduction in cost results from a refinement of the sampling rationale presented in the Work Plan. However, the Work Plan summarized large amounts of data to justify the proposed sampling program which added \$75,000 to the original contract; therefore, the net savings is \$225,000. This savings will leave a Fiscal Year 1992 total burdened cost estimate of approximately \$3,000,000.

The Final OU 3 RI/RFI Work Plan will be submitted to the Agencies by December 6, 1991. The Work Plan still raises questions on some issues with EPA and CDH, but arguments have been expanded to explain the RFP position.

If you have any questions, please contact M. Guillaume at extension 4291 of Remediation Programs.


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